

**FORM PTO-1449**

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
UV-110

**SERIAL NO.**  
**09/322.625**



## INFORMATION DISCLOSURE STATEMENT BY APPLICANTS

## APPLICANTS

**Joel G. Hassell, William L. Thomas, and  
Michael D. Ellis**

**FILING DATE**  
June 11, 1999

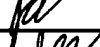
**GROUP  
2711**

## U.S. PATENT DOCUMENTS

RECEIVED

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	APPROPRIATE FILING DATE IF
<i>[Signature]</i>	5,659,350	08/19/97	Hendricks et al.	348	6	APR 28 2000 Group 2700
<i>[Signature]</i>	5,699,107	12/16/97	Lawler et al.	348	13	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 98/26528	06/18/98	PCT	H04H			
	DE 198 14 254 A 1	10/15/98	Germany	606	17/30		X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

[illegible]

**EXAMINER**

Jason Salce

DATE CONSIDERED

3-18-a5

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	4,355,415	10/19/82	George et al.	455	185	
<i>JS</i>	4,605,964	8/12/86	Chard	358	147	
<i>JS</i>	4,694,490	9/15/87	Harvey et al.	380	20	
<i>JS</i>	4,718,107	1/5/88	Hayes	455	4	
<i>JS</i>	4,857,999	8/15/89	Welsh	358	84	
<i>JS</i>	4,908,707	3/13/90	Kinghom	358	147	
<i>JS</i>	4,930,158	5/29/90	Vogel	380	5	
<i>JS</i>	4,959,720	9/25/90	Duffield et al.	358	191.1	
<i>JS</i>	4,977,455	12/11/90	Young	358	142	
<i>JS</i>	5,109,279	4/28/92	Ando	358	147	
<i>JS</i>	5,134,719	7/28/92	Mankovitz	455	154.1	
<i>JS</i>	5,172,413	12/15/92	Bradley et al.	380	020	
<i>JS</i>	5,200,822	4/6/93	Bronfin et al.	358	142	
<i>JS</i>	5,253,066	10/12/93	Vogel	358	188	
<i>JS</i>	5,335,277	8/2/94	Harvey et al.	380	20	
<i>JS</i>	5,412,720	5/2/95	Hoarty	380	15	
<i>JS</i>	5,442,389	8/15/95	Blahut et al.	348	7	
<i>JS</i>	5,485,197	1/16/96	Hoarty	348	7	
<i>JS</i>	5,517,257	5/14/96	Dunn et al.	348	734	
<i>JS</i>	5,524,195	6/4/96	Clanton, III et al.	395	155	
<i>JS</i>	5,539,449	7/23/96	Blahut et al.	348	7	
<i>JS</i>	5,550,576	8/27/96	Klosterman	348	6	
<i>JS</i>	5,583,561	12/10/96	Baker et al.	348	7	
<i>JS</i>	5,583,563	12/10/96	Wanderscheid et al.	348	13	
<i>JS</i>	5,585,838	12/17/96	Lawler et al.	348	13	
<i>JS</i>	5,589,892	12/31/96	Knee et al.	348	731	
<i>JS</i>	5,602,582	2/11/97	Wanderscheid et al.	348	12	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	5,630,119	5/13/97	Aristides et al.	395	601	
	5,648,824	7/15/97	Dunn et al.	348	734	
	5,654,748	8/5/97	Matthews, III	348	13	
	5,654,886	8/5/97	Zereski, Jr. et al.	364	420	
	5,657,072	8/12/97	Aristides et al.	348	13	
	5,666,645	9/9/97	Thomas et al.	455	6.1	
	5,684,525	11/4/97	Klosterman	348	12	
	5,694,163	12/2/97	Harrison	348	13	
	5,717,452	2/10/98	Janin et al.	348	7	
	5,745,710	4/28/98	Clanton, III et al.	395	327	
	5,751,282	5/12/98	Girard et al.	345	327	
	5,752,159	5/12/98	Faust et al.	455	5.1	
	5,754,771	5/19/98	Epperson et al.	395	200.33	
	5,760,821	6/2/98	Ellis et al.	348	10	
	5,768,528	6/16/98	Stumm	395	200.61	
	5,778,182	7/7/98	Cathey et al.	395	200.49	
	5,781,226	7/14/98	Sheehan	348	6	
	5,796,952	8/18/98	Davis et al.	395	200.54	
	5,802,284	9/1/98	Karlon et al.	395	200.09	
	5,805,763	9/8/98	Lawler et al.	386	83	
	5,805,804	9/8/98	Laursen et al.	395	200.02	
	5,812,123	9/22/98	Rowe et al.	345	327	
	5,818,438	10/6/98	Howe et al.	345	327	
	5,819,019	10/6/98	Nelson	395	182.02	
<i>JS</i>	5,828,945	10/27/98	Klosterman	455	4.2	

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